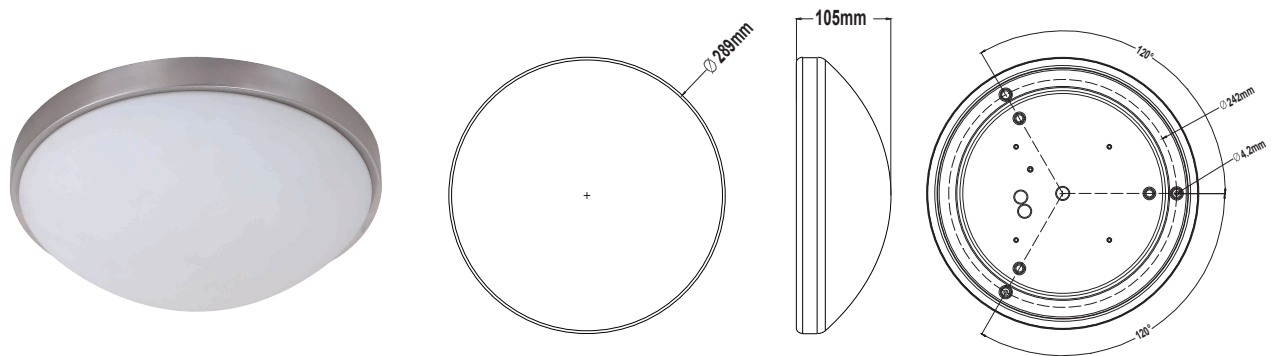




PD-LED2042Z Microwave Sensor Lamp Instruction



Summary

Packing list in	Quantity
Microwave Sensor Lamp	1X
 Φ6 Plastic Expansion	3X
 3x30 Screw	3X
Instruction	1X

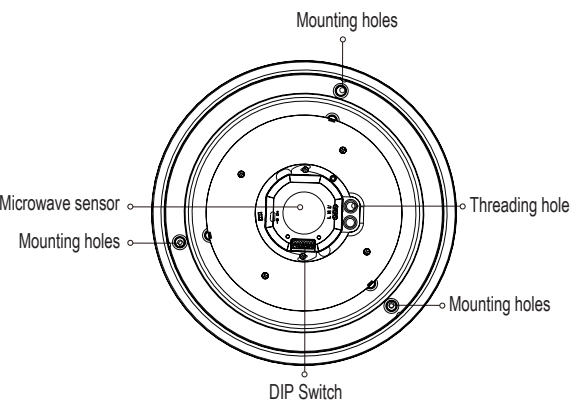
This is a microwave sensor switches controlled LED lights,the microwave sensor was built into the light ,it has 72pcs high brightness LEDs inside ,with total power of 10.5-12 watts. When light on, the luminous flux will be more than 550 lm, 60 watt incandescent lamp(≈400lm) and the life exceeds 50,000 hours. We adopt this sensitive advanced sensor switches in lighting control, enabling the light to turn on automatically when one comes , automatically turn off when one goes out. In addition to the widely usage in the aisle stairs ,living room and bedrooms , it also can be installed in the bathroom.



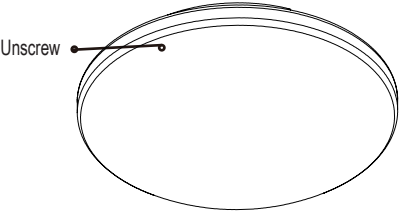
Use high quality White frosted glass chimney.Strengthen the flexible refraction of light.And its function of anti-ultraviolet makes the shade not easy to turn yellow and be broken.

IP 43

Name of each part



Lamps and lanterns base



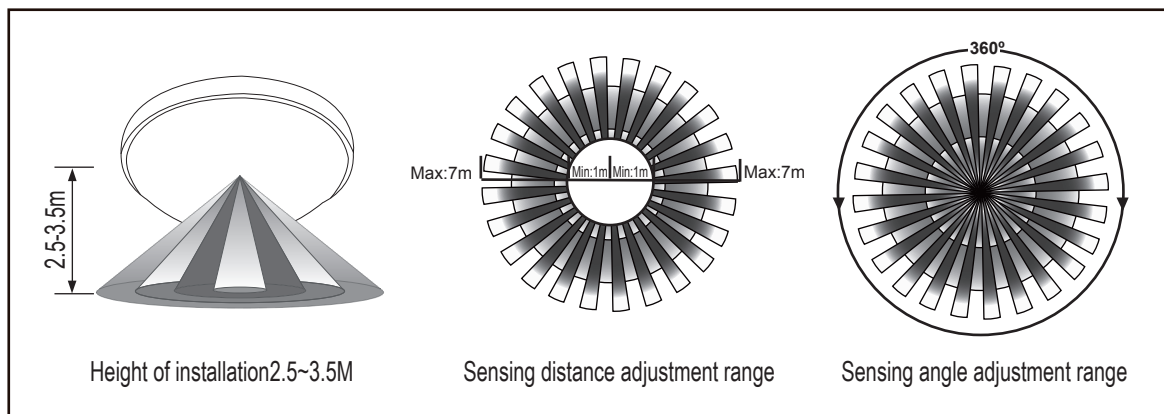
Stainless steel base

Specifications

Power source: 100-240VAC
Power frequency: 50/60Hz
Rated load: 10.5-12W Max.
HF system: 5.8GHz CW electric wave, ISM wave band
Transmission power: <0.2mW
Time setting: 15sec±3sec/1min±10sec/
3min±30sec/10min±1min (adjustable)
Light-control: 10LUX-50LUX-200LUX-2000LUX
(adjustable)

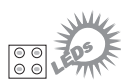
Detection range: 2m-6m-14m(diameter) (adjustable)
Detection angle: 360°
Luminous flux: 550lm
Standby power: approx.0.5W
Installation height: 2.5-3.5m (ceiling mount)
Lamp part
LED quantity: 72PCS
LED specifications: 2835

Sensor information

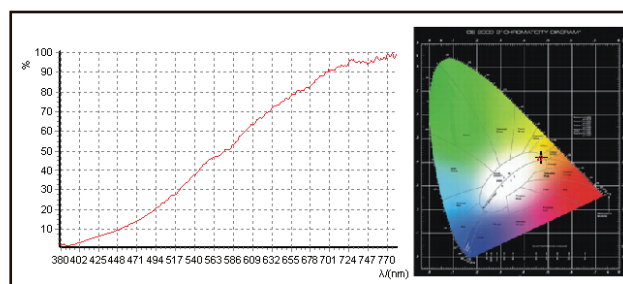
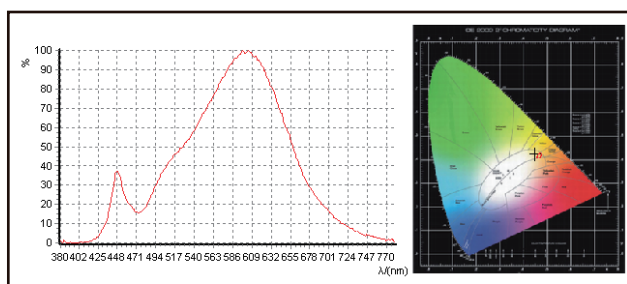


Spectrogram

LX-MZ-360GS12 (550lm warm white)



60 watt incandescent lamp(≈400lm)

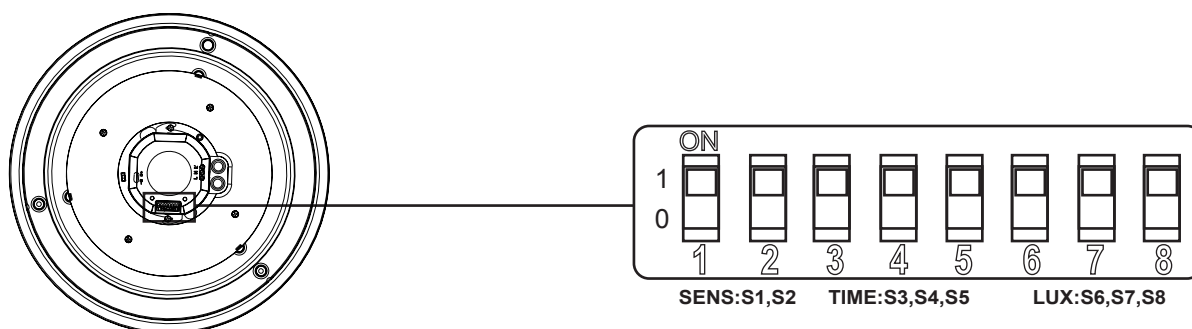


When light on, the luminous flux will be more than 550 lm, 60 watt incandescent lamp(≈400lm).

Function

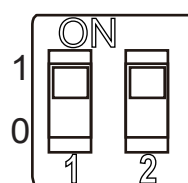
Setting manner one:DIP switch

As below shown, by S1,S2 to set the detection range, S3,S4,S5 the delay time, S6,S7,S8 the light-control value. It may take times to adjust values before they satisfy your need.



(1)Detection range setting (sensitivity)

Detection range is the term used to describe the diameter of the roughly circle casting on the ground when installed at the height of 2.5 m. To set the switch to ON is "1", to OFF is "0". Read through the right shown the corresponding table of the switch position to the detection range.



SENS:S1,S2

S1	S2	Detection range
0	0	2m(diameter)
0	1	6m(diameter)
1	0	14m(diameter)

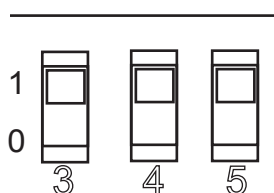
Notice: when using this product, please adjust the sensitivity (detection range) to an appropriate value but the maximum to avoid the abnormal reaction caused by the easy detection of the wrong motion by the blowing leaves & curtains, small animals or the interference of power grid & electrical equipment. All the above mentioned will lead to the error reaction. When the product does not work normally, please try to lower the sensitivity appropriately, and then test it.

Human movement will cause the sensor induction,so when you under the function testing,please leave the induction region and don't make movement to prevent the sensor continuous work.

Friendly reminder: when installing two or more microwaves together, you are required to keep 4 meters one from another, otherwise the interference among them will lead to error reaction.

(2)Time setting

It can be defined from 12 seconds to 11minute. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection range and for performing the walk test. To set the switch to ON is "1", to OFF is "0". Read through the right shown the corresponding table of the switch position to the delay time.



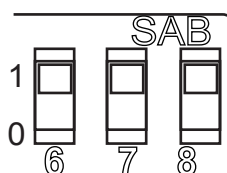
TIME:S3,S4,S5

S3	S4	S5	Time setting
0	0	0	10min±1min
0	0	1	3min±30sec
0	1	0	1min±10sec
1	0	0	15sec±3sec

It is mainly for the adjustment of the delay time from the moment the signal detected and light auto-on till the light auto-off. You can define the delay time to your practical need. But you'd better lower the delay time for the sake of energy saving, since the microwave sensor has the function of continuous sensing, that is, any movement detected before the delay time elapses will re-start the timer and the light will keep on only if there is human in the detection range.

(1)Light-control setting

It can be defined in the range of 10~2000 LUX. To set the switch to ON is "1", to OFF is "0". Read through the right shown the corresponding table of the switch position to the light-control value.



LUX:S6,S7,S8

S6	S7	S8	Light-control
0	0	0	10LUX
0	0	1	50LUX
0	1	0	200LUX
1	0	0	2000LUX



Warning! The following situations will lead to error reaction.

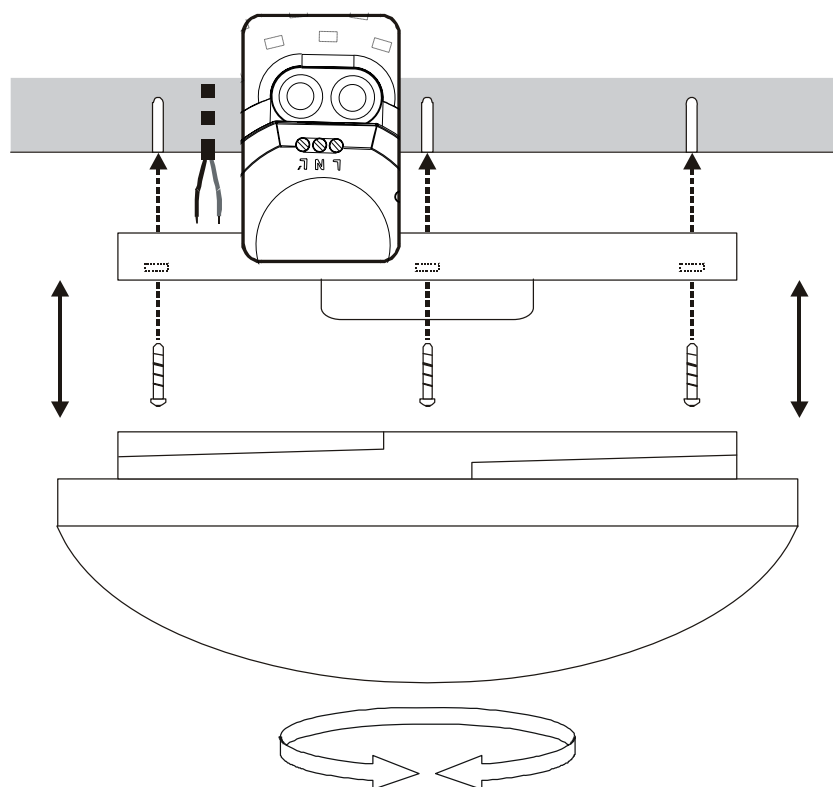
- 1、 Being installed on the rocking object will lead to error reaction.
- 2、 The shaking curtain blown by wind will lead to error reaction. Please select the suitable place to install.
- 3、 Being installed where the traffic is busy will lead to error reaction.
- 4、 The sparks produced by some equipment nearby will lead to error reaction.

Procedure of installation



Warning!

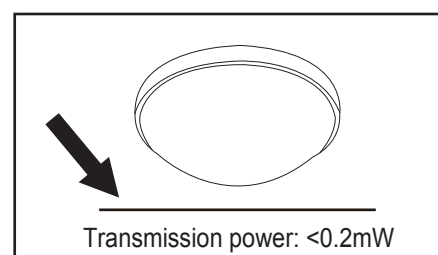
1. Please keep it away from the children when installation.
2. Please avoid to be installed where the temperature or humidity is high.
3. Please cut off the power before installation.



Fault and the solution

Fault	Failure cause	Solution
The load fails to work.	Light-illumination is set incorrectly.	Adjust the setting of the load.
	The load is broken.	Change the load.
	The power is off.	Turn the power on.
The load works all the time.	There is a continuous signal in the region of the detection.	Check the settings of the detection area.
The load works when there is no motion signal detected.	The lamp isn't installed well so that sensor fails to detect reliable signals.	Re-adjust the installation place.
	Moving signal is detected by the sensor (movement behind the wall, the movement of small objects, etc.)	Check the settings of the detection area.
The load fails to work when there is motion signal detected.	The motion speed is too fast or the defined detection area is too small.	Check the settings of the detection area.

Note: the high-frequency output of this sensor is $<0.2\text{mW}$ - that is just one 5000th of the transmission power of a mobile phone or the output of a microwave oven.





Warning!

- 1.The LEDS in serial can function when all the seals installed in place.
- 2.Please don't remove or connect with other lamp when powered on.
- 3.When the LEDS in serial are damaged ,you need experienced technician to repair using the same rating LEDS.

- Please confirm with profession installation.
- Please cut off power supply before installation and removal operations.
- Make sure that you have cut off the power for safety purposes.
- Improper operation caused losses, the manufacturer does not undertake any responsibility.

We are committed to promoting the product quality and reliability, however, all the electronic components have certain probabilities to become ineffective, which will cause some troubles. When designing, we have paid attention to redundant designs and adopted safety quota to avoid any troubles.

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